Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 05 Oct 2023 until 23:59 on Friday 06 Oct 2023

Forecast Issued on Thursday 05 Oct 2023 at 03:57

Confidence: Medium around timing of arrival and clearance of rain Thursday, but higher for arrival of very warm and settled conditions through Friday and into the weekend.

Headline for Thursday 05 Oct 2023: Cloudy with outbreaks of rain, and hill fog developing. Breezy

Mountain weather hazards on Thursday 05 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Heavy Rain	Light rain	Fog
Precipitation probability					
30%	30%	40%	70%	40%	40%

Forecast for Thursday 05 Oct 2023

Weather: Cloudy with outbreaks of rain, these mainly light but occasionally becoming heavy, especially this afternoon across western areas and also more persistent here. Some limited brighter spells may occur across eastern areas, most likely this morning. Rain becomes patchier and confined to western parts this evening with clearer spells developing in the east.

Chance of cloud-free hill tops above 600m: In the west 75% decreasing 30% this afternoon and 10% this evening. Further east 90% this morning, becoming 60% this afternoon and evening.

Low cloud and visibility: Across western areas periods of cloud around 600m, decreasing to periods 400-500m this afternoon and then persistent above 400m this evening, with patches down to 300m. Across eastern areas occasional cloud around 600m this morning, becoming periods around 500m this afternoon and evening. Otherwise visibility good or very good falling to several kilometres in rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 05 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 SW	22/29 SW	23/30 SW	25/34 SW	28/37 SW	28/38 SW	27/38 SW
300	16/23 SW	16/23 SW	18/25 SW	20/28 SW	21/31 SW	21/30 SW	20/29 SW
Valley	9/21 SW	10/22 SW	11/23 SW	12/27 SW	12/28 SW	13/28 SW	13/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	10/6	10/6	10/6	11/7	12/8
300	12/9	12/9	12/9	13/10	13/9	13/9	13/10
Valley	12/10	13/11	13/11	13/11	13/11	13/11	14/12
Freezing Level*	2400m	2500m	2900m	3000m	3000m	2700m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph expected over higher peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 05 Oct 2023	N/A	N/A	N/A

Forecast for Friday 06 Oct 2023

Weather: Overnight outbreaks of rain, sometimes heavy, but mainly across western areas**.** Through the morning the rain eases to become light, then gradually dies away through the afternoon to leave a dry evening with probably clear spells developing. Through the afternoon some bright spells may develop across eastern areas.

Maximum wind: Westerly 20-25mph, with gusts around 45-50 mph over higher peaks.

Chance of cloud-free hill tops above 600m: In the west 10% overnight and through the morning, slowly improving 30% through the morning and 60% from mid-afternoon. Further east 60% overnight and through the morning, improving 100% through the afternoon. Otherwise visibility good or very good falling to several kilometres in rain.

Low cloud and visibility: Across western areas persistent cloud above 400m until mid-afternoon, with patches down to 300m, then becoming occasional to periods of cloud above 600m. Across eastern areas periods of cloud above 500m overnight and through the morning, then clearing the summits through the afternoon.

Temperature: **Valleys:** Plus 13 Celsius rising to plus 19 or 20 Celsius
At 600m: Plus 13 Celsius
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.